


 National Transportation Safety Board <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: CHI04LA014		Aircraft Registration Number: N701US	
		Occurrence Date: 10/16/2003		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Brussels		State WI	Zip Code 54204	Local Time 1800	Time Zone CDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Croke		Model/Series Zenith CH 701		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On October 16, 2003, at 1800 central daylight time, an experimental amateur built Croke Zenith CH 701, N701US, collided with trees during a forced landing one-quarter mile from the pilot's private airstrip following a go-around from runway 18 (1,000 feet by 20 feet, grass) in Brussels, Wisconsin. The pilot was not injured. The airplane was substantially damaged. The 14 CFR Part 91 personal flight was being conducted in visual meteorological conditions without a flight plan. The local flight originated from the private airstrip at 1730.</p> <p>The pilot reported that after a local flight he returned to the airstrip to land. He stated he was not happy with the approach so he initiated a go-around from an altitude of about 15 feet above the ground. He reported the engine only produced about 4,000 rpm instead of the normal 5,300 rpm when he applied full power. The pilot reported he was unable to sustain a climb with the reduced power and the airplane settled into trees in a wooded area off the south end of the airstrip.</p> <p>The airplane was powered by a Rotax 912 UL, 80 horsepower engine. The engine had accumulated about 100 hours when the pilot purchased it with an additional 2 hours since it was installed on the accident airplane.</p> <p>On the NTSB Form 6120.1/2, the pilot reported there were no mechanical malfunctions or failures.</p>					
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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID: PVT	Airport Elevation 650 Ft. MSL	Runway Used 18	Runway Length 1000	Runway Width 20
Runway Surface Type: Grass/turf					
Runway Surface Condition: Dry					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Go Around					
<b>Aircraft Information</b>					
Aircraft Manufacturer Croke		Model/Series Zenith CH 701		Serial Number 7-4514	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Tricycle					
Amateur Built Acft? Yes	Number of Seats: 2	Certified Max Gross Wt. 1100 LBS		Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Rotax		Model/Series: 912 UL	Rated Power: 80 HP	
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection 01/2002	Time Since Last Inspection Hours		Airframe Total Time Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type No		ELT Operated? No	ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>					
Registered Aircraft Owner  Jonathon P. Croke		Street Address 9186 County Road K			
		City Brussels	State WI	Zip Code 54204	
Operator of Aircraft  Jonathon P. Croke		Street Address 9186 County Road K			
		City Brussels	State WI	Zip Code 54204	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
<div style="display: flex; justify-content: space-between;"> <span>FACTUAL REPORT - AVIATION</span> <span>Page 2</span> </div>					

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<b>First Pilot Information</b>																																																																																													
Name		City		State	Date of Birth																																																																																								
On File		On File		On File	Age																																																																																								
					46																																																																																								
Sex: M	Seat Occupied: Left	Occupational Pilot? Unknown		Certificate Number: On File																																																																																									
Certificate(s): Private																																																																																													
Airplane Rating(s): Single-engine Land																																																																																													
Rotorcraft/Glider/LTA: None																																																																																													
Instrument Rating(s): None																																																																																													
Instructor Rating(s): None																																																																																													
Current Biennial Flight Review? 08/2002																																																																																													
Medical Cert.: Class 3		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 08/2002																																																																																									
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>235</td> <td></td> <td>235</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>75</td> <td></td> <td>75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>20</td> <td>2</td> <td>20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	235		235								Pilot In Command(PIC)											Instructor											Instruction Received											Last 90 Days	75		75								Last 30 Days	20	2	20								Last 24 Hours	1	1	1							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No																																																																																									
				Second Pilot? No																																																																																									
<b>Flight Plan/Itinerary</b>																																																																																													
Type of Flight Plan Filed: None																																																																																													
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																																								
Same as Accident/Incident Location			PVT	1730	CDT																																																																																								
Destination		State	Airport Identifier																																																																																										
Local Flight			PVT																																																																																										
Type of Clearance: None																																																																																													
Type of Airspace: Class G																																																																																													
<b>Weather Information</b>																																																																																													
Source of Wx Information:																																																																																													
No record of briefing																																																																																													
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		Occurrence Type: Accident			

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
GRB	1553	CDT	695 Ft. MSL	30 NM	235 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 30.11 "Hg
Temperature: 8 °C		Dew Point: -3 °C	Weather Conditions at Accident Site: Visual Conditions		
Wind Direction: 260		Wind Speed: 6		Wind Gusts:	
Visibility (RVR): Ft.		Visibility (RVV) SM			
Precip and/or Obscuration:					

<b>Accident Information</b>					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	


- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot				1	1	
Second Pilot						
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers						
- TOTAL ABOARD -				1	1	
Other Ground						
- GRAND TOTAL -				1	1	

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Administrative Information		
<p>Investigator-In-Charge (IIC)</p> <p>Pamela S. Sullivan</p>		
<p>Additional Persons Participating in This Accident/Incident Investigation:</p> <p>Timothy Anderson FAA Milwaukee, WI FSDO Milwaukee, WI</p>		
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